



Presented to
**Export Control Coordinators
Organization**

by
Frances Keel
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Overview

- **IPP Program and Structure**
- **IPP Export Control Issues**
- **Questions**



Mission Statement

Prevent the spread of weapons technologies by engaging former NIS weapons scientists, engineers and technicians through:

- **Funding non-military joint R&D projects between NIS institutes formerly active in weapons-related work and DOE laboratories**
- **Identifying and creating non-military, commercial applications**
- **Engaging U.S. industry in a partnership with U.S. National Labs and Newly Independent States (NIS) institutes**



Homeland Security in Practice

- Helping prevent transfers of sensitive weapons-related technologies
- Fostering culture of nonproliferation
- Scientific and technical R&D shared through joint collaboration with national labs



IPP Structure

- **National Nuclear Security Agency**
 - Headquarters
 - National Laboratories
- **U.S. Industry Coalition (USIC)**
 - Over 150 member companies
 - Nonprofit membership organization
- **U.S. Industry Partners**
 - Commercialization of Technologies
 - \$ for \$ In-Kind or Cash Contributions



Headquarters Role

- **MANAGES** project review, selection, monitoring, including technology transfer and export control issues
- **FUNDS** national laboratories and the USG contribution to host country scientists
- **ENSURES** U.S. interagency coordination for all IPP funded projects, compliance with policy

Role of National Laboratories



- Foster relationships with host country scientists
- Provide World class technical expertise
- Access and identify host country science and its applicability to commercial products
- Reduce technical risk for U.S. companies
- Provide technical management and oversight for the projects



USIC Role

- **IDENTIFIES** potential U.S. industry partners
- **PROVIDES** legal basis for industry access to intellectual property rights from IPP projects
- **FACILITATES** commercialization through:
 - expertise in technology commercialization
 - business plan and investment assistance

Role of U.S. Industry Partner



- **IPP REQUIRES** a U.S. industry partner for each project, which:
 - **ENSURES** a market focus
 - **CONTRIBUTES** business expertise
 - **PROVIDES** a basis for USG exit strategy
- Industry matches IPP investment (at least) dollar-for-dollar with cash or in-kind contribution
- On average, industry contributes \$1.05 for each USG \$1.00

Initial Commercial Results



- **13 IPP commercialized projects**
 - \$26 million in annual sales
- **Private investment capital**
 - \$97 million in venture capital for five USIC member companies as a result of IPP technologies



IPP and Export Controls

- **Technology Transferred from Russia to U.S.**
- **Equipment Usually Purchased by Russian Institute**
- **Few Export Control Issues**



IPP and Export Controls cont.

- **License Applications**
 - Verify a license is needed
 - Apply **ONLY** for items subject to control
 - Not necessary to submit entire IPP project for review



Applying for a License

- **Responsible Party**
 - **Laboratory Contracts**
 - **Headquarters Master Contracts**



Questions

- **Contact Information**

Frances Keel

202.586.2197

Frances.Keel@hq.doe.gov